HK SP CAE

Coil for solenoid-operated directional control valve HK DKE

Properties

Scope of supply	with O-ring
Corresponding connectors	HKSP664, HKSP666, HKSP667, HKSP668

Note

As far as AC coils are concerned, power input is considerably higher in the take-up phase than in the stopping phase.
These must therefore never be operated without a magnet core since there is a danger of overheating and the coil can burn through.
A similar effect occurs if valves with AC magnets are operated with extremely high pulse frequencies (On / Off). In such cases the coils, which are often in the vicinity of the high power input, can also overheat. For such applications the use of RC coils with rectifier plugs is recommended.
With DC coils extremely high power spikes can occur during powering down. We therefore recommend the use of plugs with protective circuits when using such coils.
Tightening torque for attaching nuts of the solenoid coils: 3Nm

Ordering information

Other types of coil on request

Item

Identification	Nominal voltage +/- 10 %	for valve type	Average power consumption (W)	Weight (kg)
HK SP CAE 12DC	12 VDC	HK DKE DC	36	1,10
HK SP CAE 24DC	24 VDC	HK DKE DC	36	1,10
HK SP CAE 230RC	230 VRC	HK DKE DC	36	0,52
HK SP CAE 110AC	110 VAC	HK DKE AC	95	0,40
HK SP CAE 230AC	230 VAC	HK DKE AC	95	0,40
HK SP CAE 220DC	230 VRC	HK DKE DC	36	0,40

Accessories

HK SP DIN 43650	Electrical plug for solenoid coil DIN 43650 / ISO 4400

Spare part for following products

HK DKE X 00 DC	Solenoid-operated directional control valve size10 without coil
HK DKE X 00 AC	Solenoid-operated directional control valve size10 without coil